

Technical Branch
Inspectional Group
Water Series

CROSS CONNECTION CONTROL TECHNICIAN

05/96 (SAC)

Summary

Under general supervision, inspect containment cross-connection control devices at industrial and commercial sites to assure conformance with plumbing codes and departmental rules, regulations and standards and enforce El Paso Water Utilities Cross Connection Control Program.

Typical Duties

Conduct on site inspections to ensure water supply protection devices have been properly installed and maintained. Involves: monitoring requests for new water services or alterations or repairs to existing systems; determining degree of hazard or potential for contamination of water supply based upon evaluation of conditions within water customer's premises; conferring with customers, contractors or Plumbing Inspection on proposed containment devices; inspecting containment devices for proper standards of material and construction quality; performing tests on containment devices, as assigned.

Assist in administering and enforcing EPWU Cross Connection Control Program or current department policy. Involves: interpreting and explaining codes, regulations, standards and potential hazards of inadequate devices to customers, contractors or others; referring isolation control violations to Plumbing Inspection for enforcement; reviewing permit applications and interviewing customers or their representative to obtain required data; verifying contractors possession of valid plumbing license; issuing permits and maintaining database of information on permits issued, devices tested, repairs made to back-flow prevention assemblies or similar records related to program administration.

Perform related duties as required. Involves: performing designated duties of supervisor or coworkers, if necessary, to maintain continuity of operations during temporary absences; maintaining awareness of the plumbing code and governmental water supply protection rules and regulations.

Minimum Qualifications

Training and Experience: Graduation from high school and four years experience in the installation, maintenance and repair of water lines, meters or related service equipment, or completion of Journey Plumber training and two years journey level plumbing experience which included installing and repairing cross connection control devices, or an equivalent combination of training and experience.

Knowledge, Abilities and Skills: Considerable knowledge of: methods, procedures, tools and equipment used in water line construction, maintenance and repair. Good knowledge of: departmental rules, regulations and policies; principles of plumbing; components and operation of cross connection control devices. Some knowledge of: customer relations practices and techniques; governmental rules and regulations pertaining to public water suppliers.

Ability to: detect water supply and plumbing system components deviating from acceptable standards; read and interpret plumbing construction plans and recognize deviations from approved specifications; enforce water supply protection rules and procedures tactfully and impartially; establish and maintain effective working relationship with fellow employees, contractors, customers, and the general public; express oneself clearly and concisely, both orally and in writing; maintain records and prepare reports.

Skill in the use of hand tools and back-flow prevention device testing equipment.

Physical Requirements: Required to occasionally walk, bend, stoop, squat, climb stairs and ladders, and access confined spaces.

Licenses and Certificates: Texas Class "C" Driver's License; Journeyman Plumber License with Water Supply Protection Specialist endorsement from Texas Board of Plumbing or Class "C" Water Certificate of Competency with Customer Service Inspector endorsement from Texas Natural Resource Conservation Commission.

Director of Personnel

Department Head